### 9. iREEC 2022 programme conference overview

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 09:15 - 09:45 CET | **Plenary MC Meeting**  
Dr. Andreas HADJICHAMBIS, Chair of ENEC & Scientific Director of CYCERE |
| 09:45 - 11:00 CET | **Round 1: Session 2**  
*Environmental Citizenship as a Psychological Construct (Knowledge(S), Values, Beliefs, Attitudes, Skills and Competencies and Environmental Citizenship)*  
Chairperson: Dr. Niklas GERICKE |
| 11:00 - 11:15 CET | Coffee Break |
| 11:15 - 12:30 CET | **Round 2: Session 5a**  
*Education for Environmental Citizenship in Formal Education*  
Chairperson: Dr. Marie-Christine KNIPPELS |
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>12.30 - 14.00 CET</td>
<td>Lunch break</td>
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<tr>
<td>14:00 - 15:00 CET</td>
<td><strong>Round 3: Session 3a</strong>&lt;br&gt;Environmental Citizenship in the Context of Environmental Education &amp; Education for Sustainability (Responsible Environmental Behaviour, Youth Activism, Education for Sustainability and Environmental Citizenship)&lt;br&gt;Chairperson: Dr. Jelle BOEVE-DE PAUW</td>
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<tr>
<td>15:00 - 15:15 CET</td>
<td>Coffee Break</td>
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<tr>
<td>15:15 - 16:15 CET</td>
<td><strong>Round 4: Session 3b</strong>&lt;br&gt;Environmental Citizenship in the Context of Environmental Education &amp; Education for Sustainability (Responsible Environmental Behaviour, Youth Activism, Education for Sustainability and Environmental Citizenship)&lt;br&gt;Chairperson: Dr. Andri CHRISTODOULO</td>
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<tr>
<td>16:15 - 16:30 CET</td>
<td>Coffee Break</td>
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<tr>
<td>16:30 - 17:30 CET</td>
<td><strong>Round 5: Session 3c</strong>&lt;br&gt;Environmental Citizenship in the Context of Environmental Education &amp; Education for Sustainability (Responsible Environmental Behaviour, Youth Activism, Education for Sustainability and Environmental Citizenship)&lt;br&gt;Chairperson: Prof. Pedro REIS</td>
</tr>
<tr>
<td>17:30 - 18:00 CET</td>
<td>Interactive Poster Session</td>
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<td>Time</td>
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| 08:15- 09:30 CET   | **Round 6: Session 4**  
Environmental Citizenship in Different Sectors  
(Heritage, Tourism, Transport, Cities, Etc.)  
Chairperson: Prof. Pedro REIS |
| 09:30- 09:45 CET   | Coffee Break                                                        |
| 09:45- 10:45 CET   | **Round 7: Sessions 1 & 7**  
Social, Economic and Political Dimensions of Environmental Citizenship  
Education for Environmental Citizenship in In-Formal Education  
Chairperson: Dr. Audronė TELEŠIENĖ |
| 10:45- 11:00 CET   | Coffee Break                                                        |
| 11:00- 12:15 CET   | **Symposium Session**  
Concepts of Empowerment: the Role of Energy and Environmental Citizenship in The Energy Transition  
Chairperson: Dr. David C. FINGER |
| 12:15- 13:45 CET   | Lunch Break                                                          |
| 13:45- 15:00 CET   | **Round 8: Session 6**  
Education for Environmental Citizenship in Non-Formal Education  
Chairperson: Dr. Marie-Christine KNIPPELS |
| 15:00 - 15:15 CET  | Coffee break                                                        |
| 15.15 - 16.45 CET  | **Round 9: Session 5b**  
Education for Environmental Citizenship in Formal Education  
Chairperson: Dr. Marta ROMERO ARIZA |
| 16:45- 17:00 CET   | Coffee Break                                                        |
| 17:00- 18:00 CET   | **Closing Plenary MC Meeting**  
Dr. Andreas HADJICHAMBIS, Chair of ENEC & Scientific Director of CYCERE. |
10. Scientific programme

Thursday, 10th of March 2022, Online Event

Opening Plenary MC Meeting, 09:15-09:45 CET
Chairperson: Dr. Andreas HADJICHAMBIS, Chair of ENEC & Scientific Director of Cyprus Centre for Environmental Research and Education (CYCERE)

Thursday, 10th of March 2022, Online Event

Session 2, 09:45 - 11:00 CET
Environmental Citizenship as a Psychological Construct (Knowledge(S), Values, Beliefs, Attitudes, Skills and Competencies and Environmental Citizenship)

ENEC’s Working Group 3 Meeting
Chairperson: Dr. Niklas GERICKE

R1-2-1 - A Value-Based Framework Connecting Environmental Citizenship and Change Agents for Sustainability – Implications for Education for Environmental Citizenship
Daphne Goldman¹ & Ariel Sarid²
¹: Department of Environmental Science and Agriculture, Faculty of Education, Beit Berl College
²: Head of the Master Program for Management and Organization of Educational Systems, Faculty of Education, Beit Berl College

R1-2-2 - Construct of Young Environmental Citizens in Nordic Countries: Their Concerns, Values, Engagement, and Intended Future Actions
Saiki Lucy Cheah¹ & Lihong Huang²
¹: Helsinki University
²: Oslo Metropolitan University

R1-2-3 - Students’ Action Competence for Sustainability and the Effectiveness of Sustainability Education
Daniel Olsson¹, Niklas Gericke¹, & Jelle Boeve-De Pauw¹²
¹: Karlstad University, Institution of Environmental and Life Sciences, Karlstad, Sweden
²: Karlstad University, Faculty of Education, Karlstad, Sweden
R1-2-4 - The Role of Education, Self-Reported Knowledge and Environmental Risk Perception in the Disaster Preparedness
Aistė Balžekienė
Civil Society and Sustainability Research Group, Kaunas University of Technology, Lithuania

Thursday, 10th of March 2022, Online Event
Session 5a, 11:15 - 12:30 CET
Education for Environmental Citizenship in Formal Education

ENEC’s Working Group 3 Meeting
Chairperson: Dr. Marie-Christine KNIPPELS

R2-5a-1 - Environmental Education in Albanian Lower Secondary Education Curricula in the light of The UNESCO Framework
Nevila Çinaj & Klodiana Gorica:  
1: University of “Aleksander Moisiu” Durres, Departament of Tourism  
2: University of Tirana

R2-5a-2 - Environmental Citizenship of Dutch Lower Secondary Students
Michiel Van Harskamp, Marie-Christine P.J. Knippels & Wouter R. Van Jooleingen
Freudenthal Institute, Utrecht University, The Netherlands

R2-5a-3 - Socio-Scientific Inquiry-Based Learning as a Means Towards Environmental Citizenship through the Lens of Critical Realism
Marta R. Ariza, Andri Christodoulou, Michiel Van Harskamp, Marie-Christine P.J. Knippels, Eleni A. Kyza, Ralph Levinson & Andria Agesilaou:  
1: Department of Didactics of Sciences, University of Jaén, Spain  
2: Southampton Education School, University of Southampton, United Kingdom  
3: Freudenthal Institute, Utrecht University The Netherlands  
4: Media, Cognition and Learning Research Group, Department of Communication and Internet Studies, Cyprus University of Technology, Limassol, Cyprus  
5: University College London Institute of Education, United Kingdom

R2-5a-4 - The Impact of a General Elective Course on Sustainability on the Environmental Citizenship of Undergraduate Students
Thursday, 10th of March 2022, Online Event

Session 3a, 14:00 - 15:00 CET

Environmental Citizenship in the Context of Environmental Education & Education For Sustainability (Responsible Environmental Behaviour, Youth Activism, Education for Sustainability and Environmental Citizenship)

**ENEC’s Working Group 4 Meeting**
Chairperson: Dr. Jelle BOEVE-DE PAUW

**R3-3a-1** - Youth Perception of Environmental Citizenship and Environmental Protection: Example of Duzce
Yaşar Selman Gültekin
*Duzce University, Faculty of Forestry Department of Forest Engineering, Turkey*

**R3-3a-2** - Climate Youth Activism: Motivation, Aims and the Promotion of Transformative Learning
Niklas Gericke, Pedro Reis, Matthias Kowasch, Joana P. Cruz & Katharina Kicker
1: Karlstad University, Sweden
2: University of Lisbon, Portugal, Preis@le.Ulisboa.Pt
3: University College of Teacher Education Styria, Austria, Inland Norway University of Applied Sciences, University, Norway
4: University of Porto, Portugal
5: University of Graz, Austria

**R3-3a-3** - Key Pedagogical Features and a Common Approach to Evaluate Education for Environmental Citizenship: an International Perspective
Marta Romero Ariza, Jelle Boeve-De Pauw, Daniel Olsson, Peter Van Petegem, Gema Parra & Niklas Gericke
1: Science Didactics Department, University of Jaén, Spain
Thursday, 10th of March 2022, Online Event

Session 3b, 15:15 - 16:15 CET
Environmental Citizenship in the Context of Environmental Education & Education for Sustainability (Responsible Environmental Behaviour, Youth Activism, Education for Sustainability and Environmental Citizenship)

ENEC’s Trans Working Group Meeting
Chairperson: Dr. Andri CHRISTODOULOU

R4-3b-1 - A Liable Gender Approach in Environmental Grind in Albania
Nevila Xhindi & Enis Sokoli
1: Mediterranean University of Albania Tirana, Albania
2: Center for Comparative and International Studies, Tirana, Albania

R4-3b-2 - Increasing Individual Environmental Responsibility: an Evaluation on Bilecik Şeyh Edebali University Academicians’ Environmental Attitude and Behaviours
Pınar Gültekin, Sultan Ece Altinok & Gamze Çoban
Duzce University Faculty of Forestry Department of Landscape Architecture, Turkey

R4-3b-3 - Nature2Design4Society: Nature-Based Solutions and Eco-Design Applied to Community Live Projects in London and Glasgow (2010-2020)
Cristian Suau Ibanez
ENEC MC Member (UK)
Thursday, 10th of March 2022, Online Event

Session 3c, 16:30 - 17:30 CET
Environmental Citizenship in the Context of Environmental Education & Education for Sustainability (Responsible Environmental Behaviour, Youth Activism, Education for Sustainability and Environmental Citizenship)

**ENEC’s Working Group 1 Meeting**
Chairperson: Prof. Pedro REIS

**R5-3c-1 - Education for Environmental Citizenship of Preservice Teachers in the Context of the COVID-19 Pandemic**
Elisabete Linhares & Pedro Reis
1: Escola Superior De Educação Do Instituto Politécnico De Santarém, Complexo Portugal
Unidade De Investigação E Desenvolvimento Em Educação UIDEF, Instituto De Educação – Universidade De Lisboa
2: Instituto De Educação – Universidade De Lisboa

**R5-3c-2 - Education for Environmental Citizenship: Design of a Pedagogical Model for Primary Education**
Teresa Monte & Pedro Reis
1: Instituto De Educação Da Universidade De Lisboa
2: Instituto De Educação Da Universidade De Lisboa

**R5-3c-3 - Towards a Pedagogy for Inclusive Environmental Citizenship Education: a Preliminary Learning Analysis for Undergraduate Education at an International University in Japan**
Faezeh Mahichi, Peter W. Roux & Lailani Laynesa Alcantara
Ritsumeikan Asia Pacific University (APU), Japan
Thursday, 10th of March 2022, Online Event

Interactive Poster Session, 17:30- 18:00 CET

**ENEC’s Trans Working Group Meeting**
Chairperson: Prof. Daphne Goldman

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<thead>
<tr>
<th>IPS01</th>
<th>Education for Environmental Citizenship: a Master’s Course Incorporating International Collaboration</th>
<th>Ariel Sarid &amp; Daphne Goldman</th>
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<td>Faculty of Education, Beit Berl College, Israel</td>
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<tr>
<th>IPS02</th>
<th>Developing an Evidence-Based Educational Course for Environmental Citizenship</th>
<th>Audra Balundė &amp; Mykolas Simas Poškus</th>
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<tr>
<td></td>
<td>Mykolas Romeris University, Environmental Psychology Research Centre, Institute of Psychology</td>
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<tr>
<th>IPS03</th>
<th>Fostering Adolescents’ Environmental Citizenship-Relevant Behavior Via School-Based Intervention</th>
<th>Goda Kaniušonytė &amp; Audra Balundė 1, 2</th>
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<tbody>
<tr>
<td></td>
<td>1: Mykolas Romeris University, Institute Of Psychology, Environmental Psychology Research Centre</td>
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<tr>
<td></td>
<td>2: University Of Groningen, Faculty Of Behavioral And Social Sciences, Department Of Psychology</td>
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<tr>
<th>IPS04</th>
<th>Change the Story - Learning To Make A Difference In Climate Crisis</th>
<th>Luca Baglivo &amp; Daniela Conti</th>
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<tr>
<td></td>
<td>Centre for Environmental Research, Documentation and Education CREDA, Parco Di Monza, Italy</td>
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<tr>
<th>IPS05</th>
<th>Competences and Capabilities: a Relevant Resignification in Education for Environmental Citizenship</th>
<th>Mónica Ofelia García Calvo 1, Isabel Garzón Barragán 1 &amp; Pedro Reis 2</th>
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<tr>
<td></td>
<td>1: Universidad Pedagógica Nacional, Colombia</td>
<td></td>
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<td></td>
<td>2: Instituto De Educación Da Universidade De Lisboa</td>
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<th>IPS06</th>
<th>The Role of Environmental Journalism and Documentaries as a Means of In-Formal Education for Environmental Citizenship</th>
<th>María Purificación Subires-Mancera &amp; José Jesús Delgado-Peña</th>
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<td>University of Málaga, Spain</td>
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Friday, 11\textsuperscript{th} of March 2022, Online Event

Session 4, 08:15 - 09:30 CET
Environmental Citizenship in Different Sectors (Heritage, Tourism, Transport, Cities, Etc.)

\textit{ENEC’s Trans Working Group Meeting}
Chairperson: Dr. Pedro REIS

R6-4-1 - Environmental Citizenship Role Enhancing Quality of Life
Zvi Weinstein
\textit{Israel Smart Cities Institute}

R6-4-2 - The Spatial Calibration of Environmental Citizenship: Identity Political Analysis of The Cycling Culture in a Small Provincial City
Simo Häyrynen
\textit{University of Eastern Finland}

R6-4-3 - Environmental Citizenship: Air Pollution Monitoring and Control
Beti Angelevska, Vaska Atanasova & Igor Andreevski
\textit{Faculty of Technical Sciences, University “St. Kliment Ohridski” Bitola, R.N. Macedonia}

R6-4-4 - European Green Deal and Environmental Citizenship: Two Concepts with Inseparable Relationship
Andreas Ch. Hadjichambis\textsuperscript{1,2}
\textsuperscript{1}: \textit{Cyprus Centre for Environmental Research & Education (CYCERE), Limassol, Cyprus}
\textsuperscript{2}: \textit{Cyprus Ministry of Education, Culture, Sport & Youth (MOEC), Nicosia, Cyprus}

Friday, 11\textsuperscript{th} of March 2022, Online Event

Sessions 1 & 7, 09:45 - 10:45 CET
Social, Economic and Political Dimensions of Environmental Citizenship Education for Environmental Citizenship in In-Formal Education.

\textit{ENEC’s Trans Working Group Meeting}
Chairperson: Dr. Audronė TELEŠIENĖ

R7-1-1 - Environmental Citizenship or Consumership - a Methodological Approach
Vladislav Kaputa, Hubert Paluš, Hana Maťová & Mikuláš Šupin  
Technical University in Zvolen, Department of Marketing, Trade and World Forestry

R7-7-1 - Fostering Education of Environmental Citizenship Through Food Living Labs  
Danielle Wilde & Mary Karyda  
University of Southern Denmark,

R7-7-2 - Developing a Sustainability Academies, by Applying the Education for Environmental Citizenship Model  
Danielle Wilde  
University of Southern Denmark

Friday, 11th of March 2022, Online Event

Symposium Session 11:00-12:15 CET  
Concepts of Empowerment: The Role of Energy and Environmental Citizenship in The Energy Transition

ENEC’s Trans Working Group Meeting  
Chairperson: Dr. David C. FINGER

SS-Intro - Concepts of Empowerment: The Role of Energy and Environmental Citizenship in the Energy Transition

Mehmet Efe Biresselioglu¹, Giuseppe Carrus², Frances Fahy³, Andrea Kollmann⁴, Jens Olgard Dalseth Røyvik⁵  
1: Izmir University of Economics, Izmir, Turkey  
2: Università Roma Tre, Rome, Italy  
3: National University of Ireland, Galway  
4: Energieinstitut An Der Johannes Kepler Universität, Linz, Austria  
5: Norwegian University of Science and Technology

SS01 – Community and Individual Dynamics of Energy Citizenship: Evidence from The Literature Review of The DIALOGUES Project  
Mehmet Efe Biresselioglu  
Izmir University of Economics, Izmir, Turkey

SS02 – Individual and Collective Factors at the Basis Of Pro-Environmental Behaviors, Sustainable Energy Choices and Energy Citizenship
Giuseppe Carrus  
*Università Roma Tre, Rome, Italy*

**SS03 – Energyprospects - Current Perspectives on Energy Citizenship**  
Frances Fahy  
*National University of Ireland, Galway*

**SS04 - Conceptualizing Energy Citizenship - Insights from the DIALOGUES Project**  
Andrea Kollmann  
*Energieinstitut An Der Johannes Kepler Universität, Linz, Austria*

**SS05 - The Difference of Urban and Rural Energy Citizenship in Norway**  
Jens Olgard Dalseth Røyrvik  
*Norwegian University of Science and Technology*

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**Friday, 11th of March 2022, Online Event**

**Session 6, 13:45- 15:00 CET**  
Education for Environmental Citizenship in Non-Formal Education

*ENEC’s Trans Working Group 2 & 3 Meeting*  
Chairperson: Dr. Marie-Christine KNIPPELS

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**R8-6-1 - Knowledge Use and Environmental Education in Hungarian School Garden**  
Imre Kovách¹² & Boldizsár Megyesi¹  
¹: *Institute for Sociology, Centre for Social Sciences, Hungarian Academy of Sciences*  
²: *Department of Sociology and Social Policy, University of Debrecen, Hungary*

**R8-6-2 - Picture Environmental Citizenship as a Tree**  
Inger Birkeland & Mina Boldermo Eriksen  
*Department of Culture, Religion and Social Studies, University of South-Eastern Norway*

**R8-6-3 - A Systematic Literature Review of K-12 Environmental Citizen Science (CS) Initiatives as a Springboard For Education for Environmental Citizenship**
R8-6-4 - Investigating Environmental Citizen Science Initiatives via the Lens of Education for Environmental Citizenship: a Systematic Review of Empirical Research
Anastasia Adamou1, Yiannis Georgiou1,2, Demetra Hadjichambi1,2, And Andreas Ch. Hadjichambis1,2
1: Cyprus Centre for Environmental Research & Education (CYCERE), Limassol, Cyprus
2: Cyprus Ministry of Education, Culture, Sport & Youth (MOEC), Nicosia, Cyprus

R8-6-5 - A Systematic Review on the Participation Aspects of Environmental Citizen Science Initiatives
Michalis A. Vasiliades1, Andreas Ch. Hadjichambis1,2, Demetra Hadjichambi1,2, Anastasia Adamou & Yiannis Georgiou1,2
1: Cyprus Centre for Environmental Research & Education (CYCERE), Limassol, Cyprus
2: Cyprus Ministry of Education, Culture, Sport & Youth (MOEC), Nicosia, Cyprus

Friday, 11th of March 2022, Online Event
Session 5b, 15:15 - 16:45 CET
Education for Environmental Citizenship in Formal Education

ENECS’s Trans Working Groups 1 & 2 Meeting
Chairperson: Dr. Marta ROMERO ARIZA

R9-5b-1 - International Initiative Enacted Locally. Initiative Eco-Schools in Slovenia. Results and Perspectives
Željko Oset1,2
1: University of Nova Gorica, Slovenia,
2: Museum of Slovenian Independence, Slovenia

R9-5b-2 - Video Annotations for the Development of Environmental Citizenship during Initial Teacher Education
Daniel Cebrián-Robles1, Enrique España-Ramos2 & Pedro Reis3
1: University of Málaga, Science Education Department, Spain
2: University of Málaga, Science Education Department, Spain

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R9-5b-3 - Research on the Environmental Citizenship of Students of the Sciences of Primary Education
Efthimia Baltsioti & Marianna Kalaitzidaki
Department of Primary Education, University of Crete

R9-5b-4 - How Do Teachers Perceive Environmental Citizenship? A Systematic Review of The Empirical Research
Yiannis Georgiou1,2, Andreas Ch. Hadjichambis1,2, & Demetra Hadjichambi1,2
1: Cyprus Centre for Environmental Research & Education (CYCERE), Limassol, Cyprus
2: Cyprus Ministry of Education, Culture, Sport & Youth (MOEC), Nicosia, Cyprus

Friday, 11th of March 2022, Online Event

Final Plenary MC Meeting, 17:00-18:00 CET
Chairperson: Dr. Andreas HADJICHAMBIS, Chair of ENEC & Scientific Director of Cyprus Centre for Environmental Research and Education (CYCERE)